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Christmas 1945

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85% MAGNESIA . . . Pipe coverings, blocks and cement. For temperatures up to 600° F.

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"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE

BY SECRETARIAL SERVICE
17th FLOOR INQUIRER BUILDING
PHILADELPHIA, 30, PENNSYLVANIA

Estate of C. J. STOVER, *Proprietor*
A. S. ROSSITER, *Editor*
E. E. COX, *Circulation Manager*

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PEACE

A week or so after the surrender of Japan, we suddenly realized that this year we could indeed carry on Christmas activities in a world of *peace*, the first time for several long, hard years that talk of peace at Christmas time was not a travesty.

That is the reason for the peace symbol on our cover page.

But peace, meaning cessation of war, is not enough. This nation, in the tremendous part it played in winning the war, not only acquired a high place in international tribunals, but faces a very real and stupendous responsibility in the making and *keeping* of the peace.

Can the nations, large and small, during the coming years, so reconcile their differences that peace is assured for long years to come? It is our duty as a nation, as one of the largest and most powerful nations, with our enormous resources—natural and manmade—to guide wisely the trend of international conferences, to establish, if possible, arbitration as a means of settling international differences.

If we fail we must, because of our high position in world affairs, take a very large part of the blame—but we *must not fail!*

This Christmas season, therefore, while being celebrated in the joyous ways of peace, should also be devoted to thought and prayer and preachment on the making and keeping of the peace.

Wishing Our Readers A Merry Christmas and A Happy New Year

GREENER GRASS[1]

Like many others interested in the future of industry in this country, we have for some time been carefully studying newspapers, trade journals and other publications in an attempt to appraise the business picture of the future.

Boiling down all the miscellaneous stories on who is going to make what, and how much of it, we have come to the conclusion that, at the moment, a great many persons and corporate enterprises are riding a wave of optimism, based in large part on the premise that the grass is *really* greener in the other fellow's yard.

Now we can sympathize heartily with the many concerns, large and small, who, during the war, came from nowhere and demonstrated marked ability to produce the materials which contributed so greatly to our victory and who now desire to use these same abilities in producing the wares of peace. We can sympathize, too, with concerns who, in time of emergency, learned to do things entirely alien to their normal lines of endeavor and who are reluctant to write off their investment of time and experience in such lines and revert to their former activities. Admittedly, many of these concerns did an excellent wartime job and their abilities should be used to the fullest in the civilian economy. There can be no thought of denying them a place in the sun provided they have something to contribute.

However, it seems to us that entirely too many of these enterprises are failing to demonstrate, in the present situation, the ingenuity they showed in meeting the demands of war. Too many are evidently of the belief that all they need do is make a more or less standard product with a little extra bright work and with it horn into markets which have been painstakingly built up over a period of years by already established manufacturers.

It is self evident that until the tremendous demand for goods of all types is reasonably satisfied these concerns will, by and large, enjoy a measure of success. But we pre-

[1]Contributed.

dict that when demand starts to dry up, as some day it must, and when goods once more must be sold as well as produced, a multitude of these concerns will fall by the wayside, victims of their own shortsightedness. For when that time comes markets will be held by the people who contributed something to their making—people who developed new products, better products, and who did a real merchandising job.

It is going to be a sad day for many employees, stockholders, and creditors, when the rude awakening comes and they learn, as so many before them have learned, that the grass over in the other fellow's yard is not so green after all.

ASBESTOS CLOTH IN FIRE RETARDENT DOOR

There is a fire retardent door which uses asbestos cloth in its makeup This is made by the Roddis Lumber & Veneer Co., Marshfield, Wis.—the illustration will give an idea of its construction.

The core of this door consists of pine strips of varying lengths assembled with the grain running from top to bottom of the door and with hardwood edge strips provided at the top, bottom and two sides Then 1/16″ woven asbestos cloth and 1/20″ selected hardwood crossbandings, with grain running at right angles to the core grain, are glued to both sides of the core. The face veneer is of any wood selected.

The doors are made in several grades, one to stand a 45-minute fire test, one to stand 60 minutes and one to be flameproof for 30 minutes.

Further data can be obtained from the Roddis Lumber & Veneer Co.

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REVIEWING 1945

The past year has been a momentous one—a year that will go down in history.

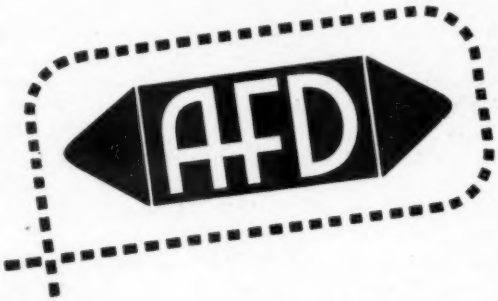
At its beginning the outlook was not very favorable—the armies had just suffered the setback in Europe and it took courage to face the future. Certainly very few of us dreamed that 1945 would see the end of the war on both the European and Japanese fronts, and that military activities would cease before eight months had passed would not have entered our minds.

The Asbestos Industry at the beginning of this year was hard at work in all its divisions, in an effort to supply the tremendous demand for insulation, brake lining, roofing and siding materials, packings, cloth, and numerous other asbestos products needed in such quantities for use in war equipment and war factories.

But even in the midst of the apparently never ending task of supplying asbestos materials in unprecedented quantities, plans for the future were being made; in fact the first steps of such plans were being taken.

In the following we give a resume of the most important events and happenings in the Asbestos Industry, as recorded by "ASBESTOS":

While not much has been done during the year in the way of new plants or new buildings, some expansion has taken place: An asbestos-cement plant was built in Venezuela by Compagnia Anonima de Asbestos at Puerto Cabello, in fact our South American neighbors are taking an unusual interest in the manufacture of asbestos-cement materials, judging by inquiries received. The Thermoid Company purchased Grizzly Manufacturing Company, both plant and equipment at Los Angeles, Calif. The Flintkote Company purchased a plant at Morristown, N. J., for the expansion of certain of their operations; they also acquired The Tile-Tex Company, manufacturers of asphalt tile flooring, and an asbestos mining property near Thetford Mines. The Vermont Asbestos Mines operated its newly built tramway to its mill at Eden, Vt. Smith & Kanzler



Asbestos Fibre Distributors

Through the untiring efforts of the research scientists, there are now a thousand and one uses for the rare properties with which nature has endowed her magic mineral . . . asbestos. Supplying the proper asbestos fibre for every specific use has long been the specialty of Asbestos Fibre Distributors. If you would like samples, prices or further information, address:

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was acquired by L. Diener, and plans were made for its expansion: the plant modernization and expansion program planned by The Philip Carey Mfg. Company (see page 38).

Promotions of personnel were numerous; "'ASBESTOS" recorded in its news columns 61 promotions among the larger companies; there were probably many more notice of which we did not receive.

There were numerous citations and honor awards given to various asbestos firms for outstanding performance, quality control, service in the several phases of war effort. Many firms earned their third or fourth stars for the Army-Navy "E" burgee.

New products ranged all the way from ironing board covers and oil burner wicking made of asbestos paper to new plastics containing asbestos, resin coated asbestos fabric for airplane ducts, and new type brake blocks. Perhaps the most important item of all was that announced by the Plant Rubber & Asbestos Works in their advertisement in September "ASBESTOS"—the development of simplified thickness standards for 85% Magnesia and High Temperature Pipe Covering.

In going over the record one most significant fact is noted; the unusually large expansion or increase in research activities, witness: The formation of the Magnesia Insulation Manufacturers Association, for the primary purpose of research, as announced in our January number; the establishment at Seattle by the four Asbestos Supply Companies of the Insulating Products Laboratories; the founding of the Asbestos Textile Institute, announced in May; the enlargement of research facilities of the Keasbey & Mattison Company announced in June; and the new research center being planned and built at the present time by Johns-Manville; the appointment of T. E. Allen as Director of the Brake Lining Manufacturers' Association; the doubling in size of the Carey Research Laboratory at Lockland. This seems to establish an all time high record for any one year in increase of research activity.

Other events of passing or outstanding interest were: the agreement made by Johns-Manville with Asbestos de Mexico; the annuity plan adopted by The Ruberoid Co.,

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ASBESTOS ELECTRICAL MATERIALS
ASBESTOS AND MAGNESIA PIPE AND BLOCK INSULATION
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Nature made asbestos. Keasbey & Mattison has made it serve mankind . . . since 1873.

KEASBEY & MATTISON COMPANY, AMBLER, PENNA.

the forming of the Friction Materials Export Association; the founding of Asbestos-Cement Associates for confidential engineering service to the Asbestos-Cement Industry.

The history of the year would not be complete without some mention of the huge quantities of asbestos materials of practically all kinds which were furnished by practically all asbestos manufacturers for use either directly or indirectly in connection with the work on the atomic bomb.

Two firms, even in the exigencies of wartime, found time to celebrate anniversaries—Johnson's Company at Thetford Mines, in February, celebrated the 70th anniversary of its establishment, and the 60th anniversary of its incorporation; George MacLellan & Co., Ltd., of Glasgow, Scotland, celebrated its 75th Anniversary.

Toward the end of the year, after the end of the war, firms resumed their pre-war practice of bringing together for discussion and exchange of ideas, men from their various branches: Raybestos held a Reconversion Conference in Bridgeport for its District Sales Managers; in November Johns-Manville called together in New York its District Engineers of the Building Materials Department. Many other get-togethers of this sort will no doubt be held during the coming year.

We have recorded during the year very few new uses for asbestos possibly because many which have been discovered or invented have not yet been announced, or until recently could not be announced for military reasons.

It has been a sad duty for us to record in the past twelve months the death of a number of key men in the Industry, among them: Cortlandt F. Ames, manager of residential building materials for Johns-Manville, on January 18th; J. W. Jacobsen, retired sales manager of Asbestos Fibre Distributors (division of Johns-Manville) on March 10th; N. E. Newman, President, Asbestos Limited, Inc., on March 14th; Homer K. Sherry, Vice President of Canadian Johns-Manville Co., Ltd., on September 30th.

Very little advertising or sales literature has been is-

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Sales Office: 500 Fifth Ave., New York 18

sued by members of the Asbestos Industry during 1945; it is quite probable, however, that this statement will be exactly reversed at the end of 1946; there will be greater need for sales literature now that the war is over, and many old catalogs and sales manuals will have to be brought up to date.

Quite an interest has been taken in the mystery material "mountain leather" (a type of asbestos) during the year, with, so far as we have been able to learn, no conclusive or useful results.

The number of patents issued on asbestos products or processes in 1945 runs about the same as usual, from sixty to sixty-five.

As is usual at this time of year we try to decide which of the articles published in "ASBESTOS" were the most interesting. No doubt exists that the article "Milling Asbestos" by J. C. Kelleher, which ran in three issues, is the most outstanding, and of the most importance to the Industry. When published in reprint form, about January 1st, it will form a companion article to "Asbestos Mining Methods" published a year ago. Our aim is to gradually build up a series of reprints which will cover the most important phase of the subject "asbestos". Other useful and semi-technical articles are "X-Ray Solves Asbestos Problems" (published in August); Alkyd Resins and Asbestos Garments (May). "Penicillin and Asbestos" (February) was timely and interesting; "Amosite Mines, South Africa" (August) was authentic and useful for reference, while in our opinion the most interesting short articles were the service tale published in February "Sea Ring Packings Last 22 Years", "Rehousing Britain" in the June number, and "Asbestos the Life Saver" (the story of an asbestos encased recorder for airplanes) in March.

Inquiries during the year were not as numerous as they have been other years, and most of them were of a technical nature. Here are a few of the questions asked. Some of them we could answer; others we could not. What is the Tensile strength of asbestos fibres? How many asbestos workers (that is those who work with asbestos as a raw product or in some of its manufactured forms) in the United

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States? What is the size of the annual market in mechanical packings? How much asbestos dryer felt was sold in 1941? Who are the users of amphibole asbestos? In what solvent is Amosite Asbestos soluble? What are the ingredients of Japanese Corrugated Sheating? At what temperature is the water of crystallization driven off asbestos?

Statistics of production are again becoming available; we hope that next year will see the publication by Government agencies of further statistics covering imports, exports and consumption of asbestos by various countries. As these are resumed, they will be published in "ASBESTOS".

The year has been an interesting one; it has contained much hard work, some surprises, some progress. 1946 should see many new developments in the Asbestos Industry—we urge you to let us record them in your permanent reference book—"ASBESTOS".

CANADA -- Report for 1943

The yearly book "The Mining Industry of the Province of Quebec" covering 1943, has just been published, and contains the usual statistics on Asbestos Production (See page 34 for tabulations).

The number of workers employed in the production of Asbestos during 1943 is given as 3,556, wages amounting to $4,874,682. In 1942, 3607 workers were employed and wages amounted to $4,636,761.

Another interesting tabulation is dividends paid by Asbestos mining companies. These amounted to $5,429,944 in 1941, and $5,564,936 in 1942 (similar figures for 1943 are not included).

The report also contains the usual tabulation of production of asbestos, giving rock milled, asbestos shipped and value, for 1910 to 1942 inclusive.

• • • —

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ANOTHER TIME-SAVING SERVICE USES ASBESTOS PRODUCTS

The dome of the Capitol of the Commonwealth of Pennsylvania at Harrisburg, Pa., was recently rebuilt by McClosky & Company, General Contractors of the same city. In order to permit access by the workmen, as well as to take care of materials, the usual scaffolding had to be built from the ground to the top of the dome—a distance of 287 feet. This scaffolding contained a hoist or lift for conveying men and materials to the various work levels, the hoist being operated by the hoist engineer on the ground.

As on most construction jobs, the only means of communication with the hoist engineer from the various work levels was by a gong at ground level, operated by a rope 290 feet long, running to the top of the dome. This time-worn way of signalling slowed up the work seriously. The hoist engineer was being signalled constantly to raise or lower the lift so that it would be flush with the particular level at which materials were being delivered.

The Capitol Dome with Scaffolding and Lift.

The contractors were familiar with Executone[1] communication system, used by many departments of the Commonwealth in the Capitol, and it occurred to them that such a system might be helpful on this out of door problem.

[1]Executone, Inc., 415 Lexington Ave., New York City, to whom we are indebted for the information in this article.

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TORONTO, ONT.: ..... CANADIAN ASBESTOS ONTARIO LTD.
14 Front St.

Accordingly an Executone Master Station was provided for the hoist engineer, and a substation was placed on the lift. The substation moving up and down, with the lift, was engineered for remote operation, which means that with the substation at any particular point on the shaft, direct-voice, two way communication was possible over a span of several floors. Exact word of mouth instruction, direct from the lift to the hoist engineer, replaced the uncertain gong signals, it saved vauable time previously wasted by workmen waiting for materials and in fact greatly increased the overall efficiency of this important reconstruction job.

But what has this to do with asbestos? Simply that the Executone System of communication, uses a lot of asbestos insulated wire in its making. New models now being developed will also use asbestos insulation to protect the wooden cabinet from amplifier heat. Not many time-saving or efficiency devices can be constructed without the use of some asbestos product performing a valuable function.

ASBESTOS IN AIRPLANE BOOT

A story in the "now it can be told" category is the role a new fabric played in the outstanding combat performance of Republic Aviation Corporation's P-47 (Thunderbolt) fighter plane.

As the P-47 was designed, the supercharger exhaust was only about two feet from the well, or opening, in the fuselage thru which the tail wheel was lowered by a hydraulic mechanism when the plane was about to make a landing, and thru which it was drawn up by the same mechanism after the take-off. When the wheel was lowered, the tail wheel yoke, with its delicate internal mechanism, was exposed to exhaust gases as hot as 1000 degrees, Fahrenheit, and also to sand and gravel blown into it by the propeller wash. There was also the danger that hot gases would enter the fuselage thru the well.

To protect the mechanism and keep gases out of the well, a funnel-shaped covering, or boot, was designed for

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the aperture. The boot had to withstand the extremely high temperature, the corrosive gases, and the beating of the sand and gravel driven at it by the propeller wash. It had to possess a high degree of flexibility, since it must contract or expand like an accordion when the tail wheel was lowered or retracted.

The first boot tried out was made of an organic fabric; it lasted for just one take-off and landing. An asbestos fabric boot, and a Fiberglas fabric boot, turned in only slightly better performances. Then there was developed a combination Fiberglas-and-asbestos fabric boot, the fabric being woven of yarns consisting of strands of Fiberglas and asbestos twisted together.

The Fiberglas gave the fabric high strength.. The asbestos provided the necessary abrasion resistance. The two in combination withstood the high temperatures and were light in weight and resistant to corrosive fumes. In fact this combination Fiberglas-asbestos boot proved highly successful. It lasted for 90 to 120 take-offs and landings amounting to about 250 hours of flying time. The boot was installed on almost all of the more than 15,000 P-47's Republic built for the Army Air Forces, and was in use on the P-47's when the war ended with the surrender of Japan.

• • • —

In its review of the new musical "The Day Before Spring", "Newsweek" (Dec. 3, 1945 issue) says of two of the players: "Miss Marshall, an engaging soubrette of proper proportions, can handle a hot song with asbestos overtones, and Helmore is so amusing on his own that he almost steals the show without help from the author." We are intrigued by the use of the word *asbestos!*

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MARKET CONDITIONS

GENERAL BUSINESS

Disappointment has been expressed in some quarters at the slow progress of reconversion in many lines. The delays are caused by a number of different factors—lack of skilled manpower; lack of raw materials, or parts; bottlenecks; strikes—every industry has its special brand of trouble.

Whatever the cause of low production of needed articles, the public is ready to buy large quantities of merchandise, and *are* buying to an unprecedented extent—Christmas buying is said to be higher than has ever been known.

Many of the production problems will adjust themselves after the first of the year.

ASBESTOS-RAW MATERIAL

General demand for all grades of raw asbestos is still active.

There would appear to be sufficient *spinning* fibre for all requirements in 1946.

A real scarcity of *shingle* fibres still exists and this is likely to continue thru 1946. The demand for this grade of fibre comes from practically every country in the world.

Shorter grades should be in sufficient suppy to take care of the demand.

Prices will undoubtedly go up during the coming year, but probably not until after the first or second quarter.

As one of our correspondents sums it up—subject to stabilized conditions in all countries, the demand for next year appears to be substantial for all types of fibre.

ASBESTOS - MANUFACTURED GOODS

Asbestos Textiles. The Asbestos Textile market is reported as holding up surprisingly well in view of the war's end and the uncertainty of production based on the general labor conditions thruout the country. Prices are firm and there appears to be a continuing demand for textiles, parti-

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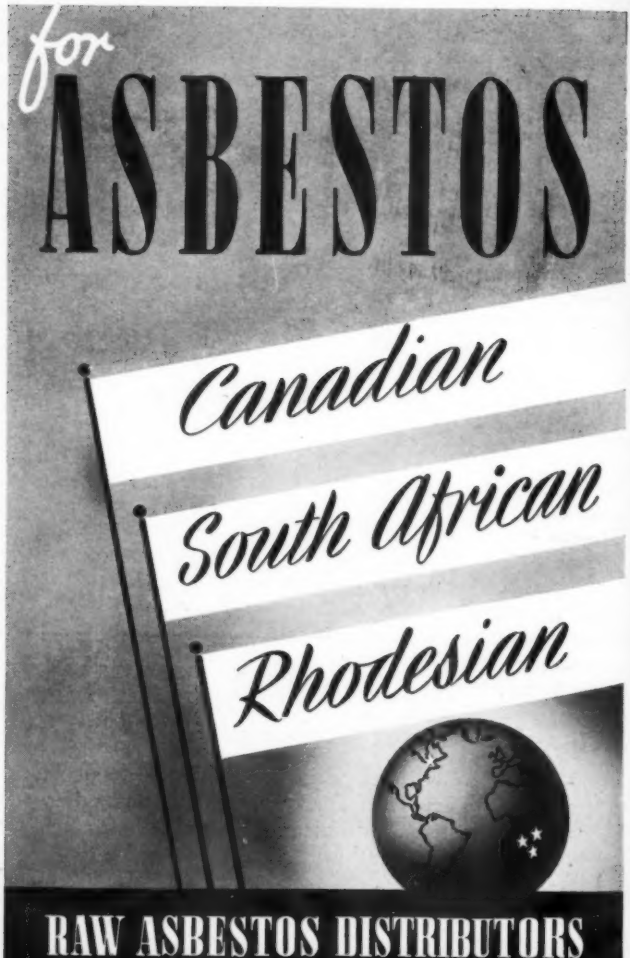
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RAW ASBESTOS DISTRIBUTORS
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SPOTLAND ROCHDALE · LANCS · ENGLAND

cularly in the electrical and plastic fields, which volume should hold well into 1946.

Brake Lining. In this market business is still in the process of levelling off and no increases are anticipated until the first quarter of next year.

Sales after reaching a low point in September, started an upward trend during October. The increase over August, however, was very small. Sales for domestic consumption reflect the same downward trend when monthly or ten months comparisons are made.

Export declined also, not only from October of last year but also from September. However, because of higher sales volumes earlier this year, there was a slight increase over the ten month total in 1944.

Asbestos Paper. Declining volume with firm prices is the report for the paper market for the balance of the year. During 1946 demand is expected to equal that of 1945, while increased costs make lower prices unlikely.

Asbestos Millboard. The Millboard market can be described in practically the same words as that for Asbestos Paper. One manufacturer reports present demand as "fair".

Insulation. High Pressure. This market is fairly strong, altho it has receded considerably from the level of the forepart of 1945. If construction picks up, and indications are that it will, volume may increase somewhat over the present level.

Many large projects requiring High Pressure Insulation are now on the drafting boards or in the bid stage.

Production, however, may be low because of strikes or insufficient manpower.

Prices are firm, and in view of high costs, there is no indication of lower prices.

Insulation. Low Pressure. This market will probably start off slowly in the beginning of 1946, demand picking up later on. Total volume for 1946 in low pressure material is expected to be about the same as that for 1945. Prices are firm, with high costs making lower prices unlikely.

Asbestos-Cement Products. Inquiries from dealers, applicators and home owners for both roofing and siding are reported by one manufacturer as greater than at any time for the last eight years. "The possibilities for sale of these products (wallboard and shingles)" says another, "are practically unlimited in 1946 and the quantities can only be measured by available production".

In corrugated and flat sheets, activity continues at wartime pace, with no indication of a tapering off for at least the first half of 1946.

Conditions in the market for asbestos-cement pipes remain unchanged from that reported in the last several months.

The above represents the opinions of men closely in touch with the several markets. Comments, ideas and opinions are always welcome.

CIGARETTE LIGHTER WICK

In our November issue, mention was made of a cigarette lighter wick being offered by one of the companies in the Asbestos Industry. One of our subscribers, the Atlas Asbestos Company of North Wales, Pa., takes exception to the implication that the wick referred to is of new design or construction.

The Atlas Asbestos Company points out that it originated a wick of this sort in 1940, their wick being constructed with a core of glass yarn over which is braided asbestos yarn.

Since its introduction in 1940, the Atlas wick has been standard equipment in the well-known Zippo lighter. During the war, Zippo lighters could be had only in the services so that thousands and thousands of service men and women have had the benefit of this unusual wick, which has remarkably fast capillary action. Many users say they have never had to replace the wick during the life of the lighter. Many of the newer brands of lighters are also equipped with Atlas wick.

The Atlas Asbestos Company has for many years specialized in the manufacture of fine Asbestos Tapes and Sleevings. They also make other special asbestos items.

Season's Greetings

TO

THE

ASBESTOS INDUSTRY

FROM

NORRISTOWN MAGNESIA & ASBESTOS CO.

NORRISTOWN PENNSYLVANIA

CONTRACTORS AND DISTRIBUTORS PAGE

IT'S YOUR OWN FAULT

Many buyers commonly are heard complaining, after it is too late, about their machines being inefficient. They say they were "stung". Thus in one typical instance the machine purchased was guaranteed to render a certain performance, but from the start it failed to do so. The guarantee was good for one year only. Both the manufacturer and user were to blame, because the machine certainly wasn't "as represented", and the buyer was too lenient. The manufacturer insisted that after a time, when the machine was properly "worn in", it would come up to the prescribed mark. But it never did, and the owner is still waiting. The year has passed and the guarantee is no longer active. The owner can't hold the manufacturer responsible any more; it is too late.

This fortunately, does not happen as often now as it once did because most reliable manufacturers are willing to make good even after several years, guarantee or no guarantee. But the point is: there is seldom any excuse for buying inefficient machinery of any kind unless you set out to buy something cheap. Of course you can hardly expect a cheap product to be efficient. Before buying expensive machinery tho, there are several ways of determining whether or not that machinery will be efficient. Manufacturers are generally willing to make tests before the machine leaves the factory, and at these tests the buyer is allowed to have as many rspresentatives as he wishes. After such tests are made to the full satisfaction of experts, there is seldom any possibility that the machines will go wrong or fall below guaranteed performance. It often pays to employ competent experts for the selection of machinery.

Lastly, if the machine doesn't fulfill the guarantee, no one should hesitate to ask the manufacturer to make good. This holds good for practically everything you buy. Most present day manufacturers are eager to make good, because they know that any case of poor or unsatisfactory performance means a "black eye" for the manufacturer, and manufacturers don't like black eyes. In other words, don't buy from a manufacturer who is not responsible and who may be out of business tomorrow.

. . . —

Insulation Contractors will be especially interested in the Newark Hairfelt advertisement on page 21 and the Spiral Lag Tape (Fairhope Fabrics) on page 33.

R. J. DORN COMPANY

MANUFACTURERS OF

ASBESTONE

Corrugated Asbestos-Cement Sheets

ASBESTONE JR.

Jr. Weight Corrugated Asbestos-Cement Sheets

ASBESTONE FLAT WALLBOARD

for Siding and Walls — interior and exterior

FACTORY AND SALES OFFICE—5300 TCHOUPITOULAS STREET, NEW ORLEANS 15, LOUISIANA

BUILDING

Construction gains in October reflect removal of restrictions.

Substantial gains in construction contracts in October, probably attributable in part to the removal of all federal restrictions on building on October 15, were reported for the thirty-seven states east of the Rocky Mountains today by F. W. Dodge Corporation. The total of all contracts awarded during the month was $316,571,000, a gain of 13 per cent over September and 118 per cent over October of last year.

During the period October 16-31, immediately following removal of WPB Limitation Order 41, contracts totaled $175,771,000 compared with $71,556,000 in the corresponding period of 1944. For this comparative period nonresidential construction this year was up 216 per cent, residential building gained 172 per cent, and heavy engineering construction comprised of public works and utilities, increased 36 per cent.

The construction volume for the first ten months of the year aggregated $2,598,531,000 compared with $1,640,685,000 in the same period of last year.

Residential construction in the first ten months amounted to $388,959,000, a gain of 22 per cent over last year. Nonresidential building in the same period amounted to $1,449,185,000, an increase of 104 per cent over the corresponding period of 1944.

Even in the face of present retarding factors, F. W. Dodge Corporation estimates total dollar volume of new construction next year as 50 per cent greater than in 1945 in the thirty-seven states east of the Rocky Mountains. The estimate for all construction in these thirty-seven eastern states is $4,750,000,000 against $3,160,000,000 expected for 1945 on the basis of the record for the first ten months of this year.

While the War Production Board on October 15 abolished all L-41 orders, which limited construction to types needed in the war effort, the OPA price and rent controls remain a retarding factor in the opinion of the Dodge Corporation.

TEST

. . . the added sales volume awaiting you among the nation's roofing and siding contractors. Write to . . .

AMERICAN ROOFER and SIDING CONTRACTOR
425 Fourth Avenue, New York City

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

How SPIRAL LAG TAPE Saves Time and Money on INSULATION

Spiral Lag Tape is one of the truly remarkable war-born ideas that made good. No wonder so many of the leading ship builders and insulation contractors have scrapped the slower, hand-sewn covering for this new type lagging. They're using it on extensive repair jobs as well as in new construction. They've used millions of yards of it during the last three years—all that our over-worked looms were able to produce.

If insulation or the installation of it is one of your problems, you owe it to yourself to get all the facts about Spiral Lag Tape *now*. Samples and full information will be sent gladly on request. No obligation of course.

8 Reasons Why

1. *It requires no sewing.*
2. *Wraps quickly and neatly.*
3. *Especially good around corners and angles.*
4. *Guide lines in fabric insure the laps being even and straight.*
5. *Saves considerable manpower.*
6. *The cement used leaves a size finish which requires only one coat of paint.*
7. *Highly economical; the 4" width costing less than 6½c a lineal yd., also in 3" and 6" widths.*
8. *Due to its unique open mesh construction, cement goes through the mesh making tape and insulation one contiguous mass when it dries.*

Spiral Lag Tape

MANUFACTURED BY

FAIRHOPE FABRICS, Inc.

Industrial Fabrics Division — **STEVENS STREET, FALL RIVER, MASS.**

PRODUCTION STATISTICS

Canada

(From Dept. of Mines, Province of Quebec).

All Tons — Short (2000 lbs.)

	1945	1944
October	35,729 tons	37,576 tons

SALES AND SHIPMENTS BY GRADES

	1943		1942	
	Tons	Value	Tons	Value
Crudes	2,016	$ 888,099	2,890	$ 1,233,184
Fibres	217,889	16,071,843	199,829	15,339,128
Shorts	247,291	6,209,563	236,741	6,090,971
Total	467,196	$23,169,505	439,460	$22,663,283
Sand, gravel and stone (waste rock)	6,914	$ 6,745	8,090	$ 7,925

ROCK MINED AND MILLED

	1943	1942
Rock Mined	7,929,469 tons	8,233,516 tons
Rock Milled	6,828,532 tons	6,795,459 tons

POSITION WANTED

Man, with sales office and warehousing experience. Asbestos, fibre to finished products, insulation, etc. Address Box No. 12A-C, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila, 30, Pa.

WANTED—TO PURCHASE

Asbestos Pipe Covering Winder and Asbestos Corrugating Machine required. New or used. State price, capacity, condition. Address Box 11-A-M, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 30, Pa.

POSITION WANTED

Experienced estimator and salesman of commercial and industrial insulation desires permanent position. Address Box 12P-I, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 30, Pa.

W A N T E D

Manager for industrial insulation department. Must be competent to estimate and supervise the installation in large and small jobs. Permanent position with largest fuel company in the East. Write, giving full particulars of experience, references and salary requirements, to Box 12G-W, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 30, Pa.

NEWS OF THE INDUSTRY

BIRTHDAYS

J. H. Brown, President, G. A. MacArthur Co., St. Paul, Minn., December 19.

W. E. Harvey, Asst. Treasurer, Thermoid Co., Trenton, N. J., December 19.

W. C. Gilbertson. Secretary, Southern Friction Materials Co., Charlotte, N. C., December 20.

Harry C. Redstone, Secretary, Asbestos Distributors, Inc., Port Chester, N. Y., December 20.

John P. DuBois, Vice President and General Sales Manager, Ehret Magnesia Mfg. Co., December 20.

George N. Clark, Clark Asbestos Co., Cleveland, Ohio, December 22.

R. L. Clark, Clark Asbestos Co., Cleveland, Ohio, December 22.

Wm. Nanfeldt, Chief Engineer and Factory Manager, World Bestos Corp., Paterson, N. J., December 22.

Jacob P. Epstein, President, Empire Asbestos Products, Inc., Glendale, L. I., N. Y., December 25.

A. P. Smith, Secretary, Russell Mfg. Company, Middletown, Conn., December 25.

W. H. Truesdell, Chairman, Carolina Asbestos Co., Davidson, N. C., December 26.

Matthew J. Fitzgerald, President, Standard Asbestos Mfg. Co., Chicago, Ill., December 27.

A. G. Newton, President, Rockbestos Products Corp., New Haven, Conn., December 28.

E. E. Tanguy, District Manager, Armstrong Cork Co., Baltimore, Md., December 28.

Fred A. Mett, President Powhatan Mining Corporation, Baltimore, Md., December 29th.

William L. Keady, President, U. S. Gypsum Co., Chicago, Ill., January 5.

Alex Rumpler, Builders Specialists Co., Pawtucket, R. I., January 5.

C. E. Harwood, Sales Manager, Russell Mfg. Co., Middletown, Conn., January 5.

L. A. King, Manager Tulsa Branch, Kelley Asbestos Products Co., Tulsa, Okla., January 8.

R. H. Chase, Vice President and General Manager, Plant Rubber & Asbestos Works, San Francisco, Calif., January 11.

John J. Liner, Vice President, Philadelphia Asbestos Co., Philadelphia, January 13.

Thomas Murray, Manager Roofing Department, A. H. Bennett Co., Minneapolis, Minn., January 14.

J. H. Nankervis, Vice President, Magnesia-Asbestos Insulation Co., New York City, January 16.

Stanley Woodward, Vice President in Charge of Southern Division, The Ruberoid Co., Baltimore, Md., January 17.

A. F. Heinsohn, General Manager, General Asbestos & Rubber Division, Raybestos-Manhattan, Inc., Box 67, North Charleston, S. C., January 17.

A. F. Matheis, Asst. Vice President, Thermoid Company, Trenton, N. J., January 17.

To all these gentlemen we extend best wishes and congratulations on the occasion of their birthdays.

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ALEXANDER CROMWELL PRODUCTION MANAGER J-M

Alexander Cromwell, Pacific Coast industrialist and wartime operations manager of the Kansas Ordnance Plant, has been appointed production manager of all 14 Johns-Manville factories in the United States.

Mr. Cromwell, who has been vice president of Johns-Manville since 1937, headed the operating management force drafted from Johns-Manville by the government to build and operate the Kansas Ordnance Plant at Parsons, Kansas, from 1941 to 1945, and supervised the production of $550,000,000 worth of munitions.

Alexander Cromwell

A native of Waverly, Ky., Mr. Cromwell was educated in electrical and mechanical engineering at Rose Polytechnic Institute, Terre Haute, Ind., and began his service with Johns-Manville in 1926. He rose thru the ranks from the company's operation at Lompoc, Calif., to Vice President in charge of all Pacific Coast factories of the company, with headquarters in San Francisco. His new appointment represents a further advancement in responsibility with Johns-Manville.

Mr. Cromwell will make his headquarters in New York and exercise direct supervisory control of production in Johns-Manville plants at Alexandria and Richmond, Ind., Billerica, Mass., Jarratt, Va., Lompoc, Los Angeles, Pittsburg, Redwood City and Watson, all in California, Manville, N. J., Marrero, La., Nashua, N. H., Waukegan, Ill., and Zelienople, Pa.

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THE NORTHEASTERN ROOFING, SIDING & INSULATING CONTRACTORS ASSOCIATION, INC., will hold its 1946 convention on February 18th, 19th and 20th at the Commodore Hotel, New York City. There will be an exhibit of roofing, siding, insulating and allied materials held in connection with the convention; fifty or more displays are expected.

R. J. Tobin of the Tilo Roofing Company, Inc. has been appointed a member of the committee to work with the Veterans' Administration in forming a plan for co-operation between that Administration and the roofing, siding and insulating industry.

• BLUE ASBESTOS

The Cape Asbestos Company, Ltd., is the world's largest supplier of acid-resistant blue crocidolite asbestos, and the only manufacturer operating its own mines. Inquiries solicited on:

MILLBOARD **YARNS**
ROVINGS **POWDER** **CLOTHS**
PROCESSED FIBRES
Unexcelled for use in
ASBESTOS CEMENT PIPES

• AMOSITE ASBESTOS

This fibre owing to its great length and bulk is unrivalled for use as an insulating medium in:

Asbestos mattress filler
85% Magnesia Insulation

The CAPE ASBESTOS CO. Limited

Morley House, 28-30 Holborn Viaduct, London, E.C.1.
FACTORY, BARKING, ESSEX

United States Sales Agent:

ARNOLD W. KOEHLER

415 LEXINGTON AVE. **NEW YORK CITY**

TELEPHONE—VANDERBILT 6-1477

CAREY EXPANSION PROGRAM

Announcement of a $5,000,000 plant modernization and expansion program has been made by R. S. King, President of The Philip Carey Mfg. Company.

R. S. King,
President,
The Philip Carey
Mfg. Co.

The overall program, approved by the Board of Directors of the company for immediate action, will affect five Carey locations: Lockland, Cincinnati, Ohio; Middletown, Ohio; Perth Amboy, N. J., Plymouth Meeting, Pa.; and Lennoxville, P. Q., Canada.

The nationally known firm of Ford, Bacon & Davis, Consulting Engineers, have been working on the program and several of the projects will be started immediately. Plans include the erection of new plants at Lockland, Perth Amboy and Plymouth Meeting. At Lennoxville, P. Q., the plant will be equipped to produce a full line of asphalt products and to increase production of the asbestos insulation line. The Lennoxville plant is already making roll roofing, asbestos paper, air cell pipe covering, aircell board, expansion joints and asphalt planks.

The large Carey Research Laboratory at Lockland, is to be doubled in size. A portion of the new laboratory facilities will be devoted to the extension of Carey research and development of new products for the building and insulation field.

Beside this additions to the plants at Lockland and Perth Amboy, begun during the war years, are about ready to start operation.

Several new products will be put on the market as a result of the expansion program. Production facilities for these products are being readied.

MANHATTAN RUBBER MFG. DIVISION. John B. Anderson has been appointed Assistant Manager of the Central District, with headquarters at Pittsburgh, to succeed the late Stanley J. Waechter. Mr. Anderson formerly represented Manhattan Rubber in Southern and Western Pennsylvania.

Starting December 1st, Joseph Hoffman will represent the Company in Southern Pennsylvania and Northern West Virginia.

E. J. O'LEARY SALES MANAGER RUBEROID SOUTHERN DIVISION

E. J. O'Leary, for the past five years district manager at Mobile, Ala., of The Ruberoid Co., has been appointed sales manager of the company's entire Southern division, comprising eighteen states in the Southern and Southwestern sections of the country. Mr. O'Leary will have his headquarters at the Southern division offices at Baltimore, Md.

E. J. O'Leary

Mr. O'Leary has been associated with The Ruberoid Co. for fifteen years. Prior to that he held important positions with Eternit, Inc., manufacturers of asbestos-cement building products, acquired by Ruberoid in 1930. He was first employed by Ruberoid as a special sales representative, later becoming, successively, sales manager and district manager at Mobile.

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CANADIAN REFRACTORIES, LIMITED, some years ago encountered a mass of asbestos-bearing serpentine within the deposit of magnesite-dolomite on their property at Kilmar, in Grenville township, Argenteuil Co., Province of Quebec. In 1942, and again in 1943 they recovered about two tons of crude fibre from this material by hand cobbing. The asbestos is reported to be chrysotile of high quality, free from iron. This according to the report recently issued by the Quebec Department of Mines, covering The Mining Industry in that province in 1943.

J. C. KELLEHER has been appointed Manager of Construction for Johns-Manville International Corporation.

In his new position he will be responsible for planning, engineering and construction of the Johns-Manville factories to be built in foreign countries, except Canada, in conjunction with local corporations or citizens of such foreign countries.

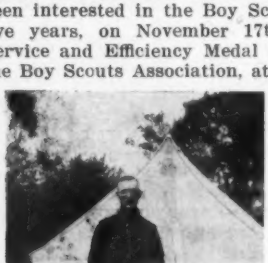
Mr. Kelleher will continue, however, to act as Staff Manager of asbestos fibres for the Asbestos Fiber Distributors, a division of Johns-Manville Sales Corporation.

RUSSELL E. CRAWFORD, Secretary of the Ehret Magnesia Manufacturing Company, Valley Forge, Pa., was recently appointed to the Valley Forge Park Commission by Governor Martin.

THE RUBEROID CO. The Board of Directors has declared a year-end dividend of 50 cents per share on the capital stock of the corporation, payable December 22nd to stockholders of record at the close of business on December 8th. Dividends aggregating 75 cents per share were paid previously this year, making total dividends of $1.25 for 1945.

W. N. REAKES HONORED

W. N. Reakes, of the Fibre Development Department of Canadian Johns-Manville Co., Ltd., at Asbestos, Quebec, who has been interested in the Boy Scout Movement for the past twenty-five years, on November 17th, was presented with the Long Service and Efficiency Medal by the Provincial Headquarters of the Boy Scouts Association, at its Annual Father and Son supper of the Asbestos Troop, held at the New Iroquois Hotel, Asbestos, Que.



W. N. Reakes

Mr. Reakes has served as Assistant Scoutmaster, Scoutmaster, Chairman of the Group Committee and various other positions of trust in the Scout Association. He introduced and sponsored at Asbestos, Annual Camps and bilingual scouting, and thru this medium considerable "Bonne Entente" resulted between the French and English youth of the community.

Mr. Reakes joined Canadian Johns - Manville Co. in May 1925, working in the Service and Employment Department. Having more interest in the production end of the Industry, he was transferred the following year to the Milling Department as Assistant to the Mill Superintendent; later to the department handling the development of asbestos fibres, and at present is Superintendent of the Fibre Development Department.

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THE CORK, ASBESTOS AND FIBROUS GLASS DIVISION of the War Production Board is now known as the Cork, Asbestos and Fibrous Glass Branch of the Metals and Minerals Division of Civilian Production Administration. Ray H. Coultrap has been appointed Chief of this Branch, and is located in Room 4167E Social Security Building, Washington 25, D. C.

One of the duties of the Branch is to assist members of the Industry desiring CC ratings for the procurement of bottleneck items. Asbestos firms are therefore urged to advise Mr. Coultrap of any production bottlenecks or other circumstances which might affect production in any of the plants.

ASBESTOS CORPORATION LIMITED. Directors have declared a dividend of 20c a share, plus an extra of 40c, both payable December 30, to stockholders of record, December 1st. This brings dividends paid during the current calendar year to $1.40, including extras. In 1944 the Company paid $1.00; in 1943 $1.30.

THOMAS H. DANTZ, formerly manager of the built-up roofing department of the Western division of The Ruberoid Co., with headquarters in Chicago, has been promoted to the executive offices in New York where he will function as manager of the built-up roofing department of the company as a whole.

Mr. Dantz has been associated with the roofing business virtually all of his working life. He joined the Ruberoid organization in 1930.

As a result of laboratory research and practical field tests carried on under his direction in recent years, Mr. Dantz has become recognized in the trade as an authority not only on built-up roofing specifications but on roof deck design as well. He is an exponent of the roof utility idea and has prepared specifications for roof gardens, promenades, garages, etc. In his new position he will give particular attention to the problem of keeping architects and contractors currently informed of new developments in roofing specifications.

SUNNYSIDE ASBESTOS MINING COMPANY, LIMITED. The South African Mining and Engineering Journal in its October 27th issue, contains report of Consulting Engineer Alan Stuart, Assoc. Inst. M. M., on the Sunnyside Asbestos Mining Company.

The property is located near the Munnik-Myburgh Asbestos Mine, in the Barberton district, near Kaapsche Hoop.

The report may be borrowed from "ASBESTOS" by anyone interested.

"AROUND RAYBESTOS" is the title of a new post-war employee manual just issued by the Raybestos Division, at Bridgeport, Conn. The manual is in the form of a 4-½" x 6-½" wire bound booklet. It is well illustrated and contains full instructions for employees.

The book has been distributed to all present employees of the Raybestos Division, and is also being given to each person hired.

ASBESTCEMENTINDUSTRIE "ASBESTONA" N. V. of Harderwijk, Holland, write us that they have survived the war in fairly good shape, having suffered very little damage from air raids. What damage there was has been repaired, and their machinery, hidden from the Germans under concrete floors, is again in operation. They are at present making corrugated asbestos-cement sheets for emergency houses in devastated parts of their country. Incidentally they have renewed their subscription to "ASBESTOS"

PATENTS

This information obtained from the Official Patent Gazette, published weekly by the U. S. Patent Office, Washington, D. C.

Copies of patents can be obtained by sending 10c (in coin) to The Commissioner of Patents, Washington, D. C., giving the patent number, date issued, name of patentee and name of invention.

Asbestos Separating. No. 2,386,714. Granted on October 9,

1945, to Lee C. Pharo, Thetford Mines, Que., Canada. Assignor to Johnson's Company, Thetford Mines, Que. Application March 26, 1943. Serial No. 480,700.

A method of treating fiberized asbestos containing lumps comprising continuously screening a mass of the asbestos while passing the same in a thin layer thru a substantially horizontal and longitudinal bath and agitating said travelling mass to cause the lumps to gravitate to the bottom of the mass and be screened therefrom by continuously subjecting the mass to a reciprocating stirring action which comprises raking the continuously travelling layer of asbestos at the same level and substantially adjacent to the screening surface both laterally and longitudinally with respect to its path of travel simultaneously at spaced points substantially thruout its screening path and recovering the fibrous portion of the mass substantially free of said separated screened lumps.

Asbestos Processing. No. 2,386,715. Granted on October 9, 1945, to Lee C. Pharo, Thetford Mines, Que., Canada. Assignor to Johnson's Co., Thetford Mines, Que., Canada. Application October 12, 1943. Serial No. 506,000. In Canada September 4, 1943.

A method of treating asbestos masses to separate the individual fibres in the rock spicules and eliminate extremely short fibres from the masses without removing the short fibres it is desirable to retain in an unopened state, which comprises feeding the asbestos masses into one end of a closed, unobstructed, substantially horizontal passage having a perforated area to allow the escape of said extremely short fibres by gravitation, moving said masses thru the passage by subjecting them to the action of a succession of intermeshing rotating beating arms extending thruout the passage and inclined with respect to the longitudinal axes thereof in a direction to advance the masses continuously thru the passage, passing the beating arms closely adjacent to one another while rotating them in intermeshing relation for agitating and advancing the mass thereby to cause the fibres from the long spicules to be liberated and the extremely short fibres to escape by gravitation, the beating arms being milled at a speed equivalent to the speed at which arms about one foot long would intermesh with each other between about 200 to about 250 times per minute, said speed being effective to maintain the long fibres in suspension and cause the undesirable short fibres to gravitate and to reduce injury to the long fibres substantially to a minimum.

Friction Facing and Like Materials. No. 2,388,187. Granted on October 30, 1945 to Maurice Salle, New York City, assignor to Thermoid Company, Trenton, N. J. Application February 24, 1941. Serial No. 380,397.

The method of manufacturing friction facing and like materials of the class compounded of fibres, solid particles of a frictioning or other agent and a normal non-cementitious heat reactive binding substance, said method comprising first compounding said ingredients in a dry state to the form of a sub-

stantially uniformly disseminated mix, suspending said mix in water to form a flowable slurry in which the uniform dissemination of the ingredients is substantially preserved, flowing said slurry on to a filter bed and filtering the water thru said bed by gravity to form an interfelted fibrous mass in which the fibres extend in all directions, thereafter applying heavy suction to said filter with a suction withdrawal of further water from the interfelted mass, subjecting said mass in the cold to pressure, expressing still further moisture, drying the pressed mass at low temperature without materially affecting the said binding substance, and subsequently applying heavy pressure and heat to the mass, to densify the latter and to convert the binding substance to cementitious state.

. . . —

It ain't so much the things that people don't know that makes trouble in this world, as it is the things that people know that ain't so.—Mark Twain

BOOK LIST

Asbestos Mining Methods. By C. V. Smith. (Reprint) 16 pages. 25c per copy, discount in quantities of 50 or more.

Milling Asbestos. By J. C. Kelleher. (Reprint available after January 1st). 16 pages. Companion article to Asbestos Mining Methods. Both should be in every Asbestos Library. 25c per copy, discount in quantities of 50 or more.

The Asbestos Factbook. 16 pages. Information in compact form on origin, facts, locations, uses, analyses, qualities, 10c per copy.

Canadian Chrysotile Asbestos Classification. (Reprint) 25c per copy.

Twelve Estimating Tables, with Chart. Convenient in figuring flange fittings and other areas. $1.00 per set.

Manual of Unit Prices (for figuring pipe covering and blocks) 30c per copy postpaid.

Processing Asbestos Fibres. 8 pages. (Reprint) 25c per copy

Tests for Cotton Content. 4 pages. (Reprint) Describing several methods of testing asbestos textiles for cotton content. 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. (Reprint) 20c each

Asbestos: The Magic Mineral, by Lilian Holmes Strack. Written especially for school children but every Asbestos Library should have a copy. $1.00 per copy.

Order any of the above from "ASBESTOS", 17th Fl., Inquirer Bldg., Philadelphia, 30, Pa.

FOR SALE

12,600 pounds asbestos cloth (Southern make) 3900 pounds (Raybestos) in 200 lb. rolls. Further details upon request. D. F. Haverstick Dept., 120 Liberty St., New York 6.

THIS and THAT

The 60th Anniversary Convention of the United Roofing Contractors Association, will be held on February 11, 12 and 13, 1946, at the Jefferson Hotel, St. Louis, Mo. Reservations should be made as early as possible; send them to U. R. C. A. headquarters at 189 W. Madison St., Chicago, 2, Ill.

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Articles on asbestos subjects are always welcome: especially articles of a semi-technical character. Laboratory assistants, engineers and others in position to write of developments in the Asbestos Industry, are urged to send in articles. Such articles are paid for upon acceptance.

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The United States Rubber Company has purchased the government-built rayon processing plant at Scottsville, Va., for the sum of $1,837,500. The purchase increases to seven the number of textile mills owned by the Company. Built in 1944 at a cost of approximately $2,300,000, the plant employs 350 persons and is now turning out rayon cord at the rate of more than 1,900,000 pounds a month.

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A "Products of Tomorrow Exposition" will be held in Chicago, Ill., for 22 days beginning April 27th. 1946. For complete information regarding space costs, contracts and other facts, write on your business letterhead to Chicago Coliseum, 1513 S. Wabash Ave., Chicago 5, Ill.

• • • —

The activities of the International Standards Association were, of necessity, suspended during the war, and the United Nations Standards Coordinating Committee has been functioning recently in this capacity. A conference was held in October, at which representatives of eleven of the United Nations were present, to consider the forming of an organization for the handling of matters concerning international standards. The United States was represented at the conference thru the American Standards Association.

TOPICAL INDEX

"ASBESTOS" - - For the Year 1945

Amosite

Aug. 1945— 4 Amosite Mines, South Africa

Asbestos Cement Products

May 1945—12 Asbestos Huts for Bombed-Out British
July 1945— 4 Prefabricated Buildings used for Navy Hospitals

Asbestos In Various Industries

Feb. 1945— 4 Penicillin and Asbestos
Mar. 1945— 4 Asbestos — The Life Saver
Mar. 1945—10 Salvaging Pipe
Nov. 1945—14 Making of Fruit Trees

Biographies

Oct. 1945— 2 J. C. Kelleher

Cloth or Clothing

May 1945— 6 Alkyd Resins and Asbestos Garments

Histories of Firms

Mar. 1945—31 George MacLellan & Co. Ltd.
June 1945— 6 Vermont Asbestos Mines

Milling Asbestos

Sept. 1945— 2 Milling Asbestos (J. C. Kelleher)
Oct. 1945— 3 Milling Asbestos (J. C. Kelleher)
Nov. 1945— 6 Milling Asbestos (J. C. Kelleher)

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Feb. 1945—16 "Sea Ring" Packings Last 22 Years

Service Tales

Feb. 1945—16 "Sea Ring" Packings Last 22 Years
June 1945— 4 Insulation Saves Time and Fuel
Dec. 1945—16 Another Time-Saving Service Uses Asbestos

Tables for Contractors

Jan. 1945—29 Areas 300 lb. Series (V. T. & E.) (Sitton)
Feb. 1945—27 Areas 400 lb. Series (V. T. & E.) (Sitton)
Mar. 1945—25 Areas 600 lb. Series (V. T. & E.) (Sitton)
Apr. 1945—27 Areas 900 lb. Series (V. T. & E.) (Sitton)
May 1945—27 Areas 1500 lb. Series (V. T. & E.) (Sitton)

Textiles (General)

July	1945—12	Asbestos Ducts for Aircraft

Uses — Odd

Jan.	1945—27	In V-2 Rocket Shell
Oct.	1945—14	Asbestos in Tractor Tire Repair
Oct.	1945—26	Asbestos Lined Bin
Oct.	1945—28	Covering Jeep Headlamps to Prevent Shorting or Injury
Nov.	1945—32	Wick for Cigarette Lighter
Dec.	1945— 4	Asbestos Cloth in Fire Retardent Door
Dec.	1945—18	Asbestos in Airplane Boot

Various Asbestos Products

May	1945—14	Oil Burner Wicking
June	1945—26	Textolite — New Flame Resistant Plastic
Aug.	1945—24	New Type Brake Blocks
Aug.	1945—39	Asbestos Ironing Board Cover
Nov.	1945—32	Lighter Wick

Various Locations of Asbestos

Jan.	1945—23	Brazil
Nov.	1945—22	Newfoundland
Nov.	1945—22	Morocco

War and Defense

Jan.	1945—30	Removal Restrictions S. A. Fibre
Feb.	1945—33	Raw Asb. removed from import control (M-63)
Apr.	1945—36	Relaxation of Order M-79
June	1945—27	Amendment to L-41
July	1945—24	WPB Exempts Raw Asbestos
Aug.	1945—16	Asbestos Tape Exempt
Nov.	1945—41	Construction Order L-41 Revoked

X-Ray

Aug.	1945—12	X-Ray Solves Asbestos Problem

. . . —

The man who gives up and says "I can't " is usually right about it.—Barkslee

. . . —

Careful attention to one thing often proves superior to genius.—Cicero

. . . —

He profits most who serves best.

AFTERTHOUGHTS

The article "Reviewing 1945" (page 6) will be of special interest to those European subscribers who have been unable to receive "ABESTOS" during the war years. We suggest they order copies of December "ASBESTOS" for 1940, 1941, 1942, 1943 and 1944, each of which contains a similar review for the year, as well as a Topical Index of Articles which appeared in the magazine during the year.

. . . —

It's amazing the various nooks and cranies in which asbestos finds a place, or performs a service—articles on pages 4, 16, and 28 are only a few instances.

. . . —

Readers are asked to relay to us instances of asbestos plants "found" in rehabilitated European countries, or in conquered countries, telling of the condition in which they were found, and whether they can be, and will be, or have been, put in operation.

. . . —

Send us your expansion (or post-war) plans. Note Carey expansion article on page 38; also Johns-Manville plans on page 32 of October number.

. . . —

We are trying to obtain production figures for the war years from all asbestos producing countries. Gradually also we hope to reinstate the publishing of import figures which appeared regularly in "ASBESTOS" before the war.

. . . —

Be sure to place our name on your mailing list to recieve copies (two if convenient) of all your new sales and advertising booklets, or catalogs.

. . . —

A Merry Christmas and A Happy New Year

CURRENT RANGE OF PRICE

As of December 10, 1945

Canadian—	Per Ton (2000 lbs.) f.o.b. Mine (In U. S. Funds)
Group No. 1 (Crude No. 1)	$650.00 to $750.00
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry)	165.00 to 385.00
Group No. 3 (Spinning or Textile Fibre)	124.00 to 260.00
Group No. 4 (Shingle Fibre)	62.50 to 90.00
Group No. 5 (Paper Fibre)	44.00 to 53.00
Group No. 6 (Waste, Stucco or Plaster)	33.00 to 35.00
Group No. 7 (Refuse or Shorts)	14.50 to 30.00

	Per Ton (2000 lbs.) f.o.b. Mine (In U. S. Funds)
Shingle Stock Fibres	$62.50 to $65.50
Paper Stock Fibres	44.00 to 54.00
Waste	33.00
Shorts	14.50 to 28.50
Floats	19.50

Note: Crude Run-of-Mine (Canadian) refers to a crude asbestos produced not conform to the regular standards of No. 1 Crude or No. 2 Crude. Crude. Crude Sundry refers to certain odd lots of off grade material which do in certain mines where Crude Fibre is not graded into regular No. 1 and 2

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial and Fiancial Chronicle. No guarantee made as to their correctness).

		November 1945		
	Par	Low	High	Last
Armstrong Cork Co. (Com.)	np	52⅞	59¾	55½
Asbestos Corp. (Com.)	np	26½	30¼	30
Asbestos Mfg. Co. (Com.)	1	4¼	6½	5⅝
Celotex (Com.)	np	19¼	20½	20½
Celotex (Pfd.)	20	19½	21¼	21
Certainteed (Com.)	1	14⅛	15½	14⅞
Certainteed (Pfd.)	100	107⅛	111½	110½
Flintkote (Com.)	np	32⅛	36¾	36¾
Flintkote (Pfd.)	np	109½	113	111
Johns-Manville (Com.)	np	139	145	139½
Johns-Manville (Pfd.)	100	128	135	132
Raybestos-Manhattan (Com.)	np	38	41¼	40½
Ruberoid (Com.)	np	45	47¼	46
Thermoid (Com.)	1	13½	14½	14¼
Thermoid (Pfd.)	50	58	64	59
U. S. Gypsum (Com.)	20	99¼	105	105
U. S. Gypsum (Pfd.)	100	190	200	198½
U. S. Rubber (Com.)	10	65⅛	71½	68¼
U. S. Rubber (Pfd.)	100	165	170	169¾

ASBESTOS TEXTILES

BACK ON THE JOB

AS THE VARIOUS PLANTS OF **RAYBESTOS-MANHATTAN, INC.**, SWING INTO PEACE-TIME MANUFACTURING PROGRAMS, THIS SWING-OVER WILL BE MANNED BY HUNDREDS OF OUR VETERANS RETURNING TO THEIR JOBS FOLLOWING A MILITARY LEAVE OF ABSENCE. DURING WAR-TIME YEARS, OUR MANUFACTURING RESOURCES HAVE BACKED THESE VETERANS AND THE NATION'S WAR EFFORT . . . AND NOW THESE VETERANS ARE RETURNING TO HELP US WORK FOR A BETTER PEACE-TIME WORLD.

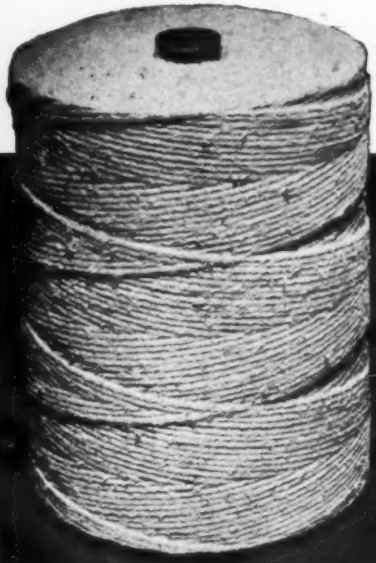
RAYBESTOS-MANHATTAN, INC.

INDUSTRIAL SALES DIVISION

FACTORIES

BRIDGEPORT, CONN. NO. CHARLESTON, S. C.
MANHEIM, PA. PASSAIC, N. J.

SOUTHERN ASBESTO



YARNS

Southern produces fine and heavy Asbestos Yarns in various grades of tensile strength and uniformity. Whatever their use, Southern Asbestos Yarns maintain high quality standards. High tenacity Asbestos Yarns are a Southern specialty. Yarns may be treated with various compounds for a wide range of uses. Write for Folder No. 1011.

A COMPLETE LINE OF ASBESTOS TEXTILE PRODUC

THREAD • CORD • CLOTH • ROPE
ROVING • TUBING
CARDED FIBRE • LISTING TAPE
WICKING AND OIL BURNER WICK

Southern's technical and production facilities are available to develop new and improve old uses for asbestos fibres and textiles. Over 25 years of combined specialized experience is at your service.

SOUTHERN ASBESTOS COMPANY • CHARLOTTE 1, N.

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DUCT

N.